FOOE30 "23Z4TH60

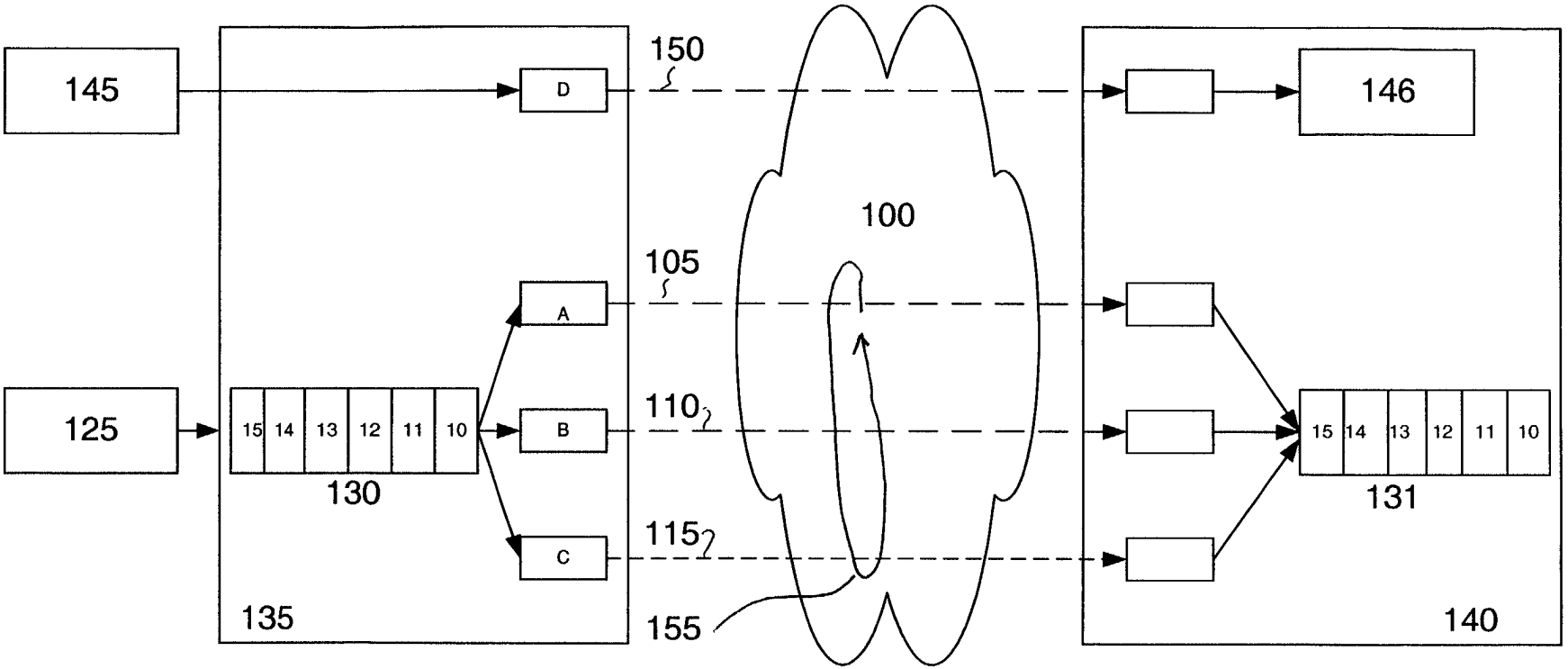

FIG. 1

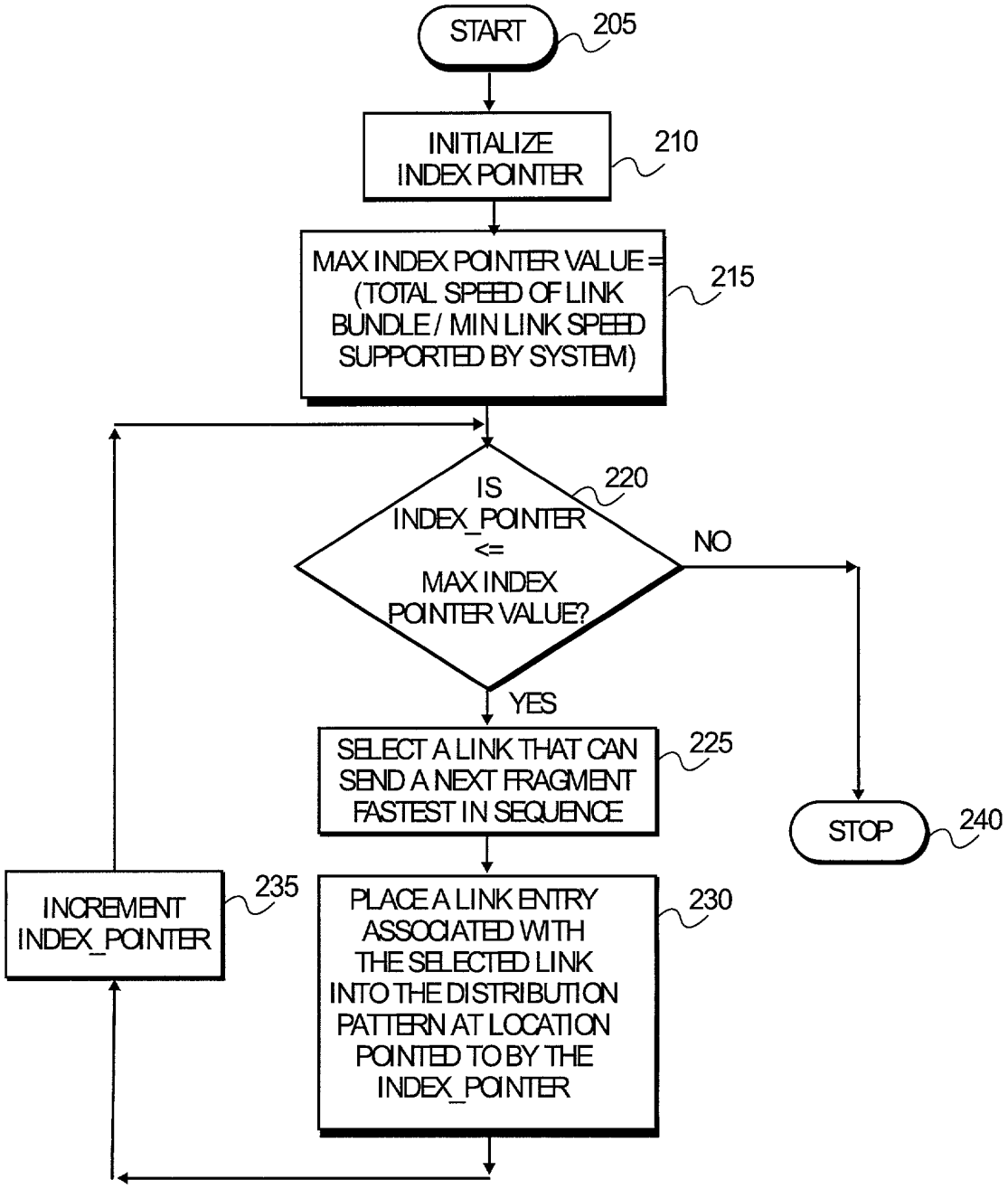
START
205
INITIALIZE INDEX POINTER
210
MAX INDEX POINTER VALUE = (TOTAL SPEED OF LINK BUNDLE / MIN LINK SPEED SUPPORTED BY SYSTEM)
215
IS INDEX_POINTER <= MAX INDEX POINTER VALUE?
220
NO
YES
SELECT A LINK THAT CAN SEND A NEXT FRAGMENT FASTEST IN SEQUENCE
225
STOP
240
INCREMENT INDEX_POINTER
235
PLACE A LINK ENTRY ASSOCIATED WITH THE SELECTED LINK INTO THE DISTRIBUTION PATTERN AT LOCATION POINTED TO BY THE INDEX_POINTER
230

FIG. 2

	Fragment#	xmtTimeOnLinkA	xmtTimeOnLinkB	xmtTimeOnLinkC
305	1	00.000000(Old)	00.000000(Old)	00.000000(Old)
	1	16.000000(New)	24.000000(New)	48.000000(New)
		--> **SELECT "A"**		
310	2	16.000000(Old)	00.000000(Old)	00.000000(Old)
	2	32.000000(New)	24.000000(New)	48.000000(New)
			--> **SELECT "B"**	
315	3	16.000000(Old)	24.000000(Old)	00.000000(Old)
	3	32.000000(New)	48.000000(New)	48.000000(New)
		--> **SELECT "A"**		
320	4	32.000000(Old)	24.000000(Old)	00.000000(Old)
	4	48.000000(New)	48.000000(New)	48.000000(New)
		--> **SELECT "A"**		
325	5	48.000000(Old)	24.000000(Old)	00.000000(Old)
	5	64.000000(New)	48.000000(New)	48.000000(New)
			--> **SELECT "B"**	
330	6	48.000000(Old)	48.000000(Old)	00.000000(Old)
	6	64.000000(New)	72.000000(New)	48.000000(New)
				--> **SELECT "C"**

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FIG. 3

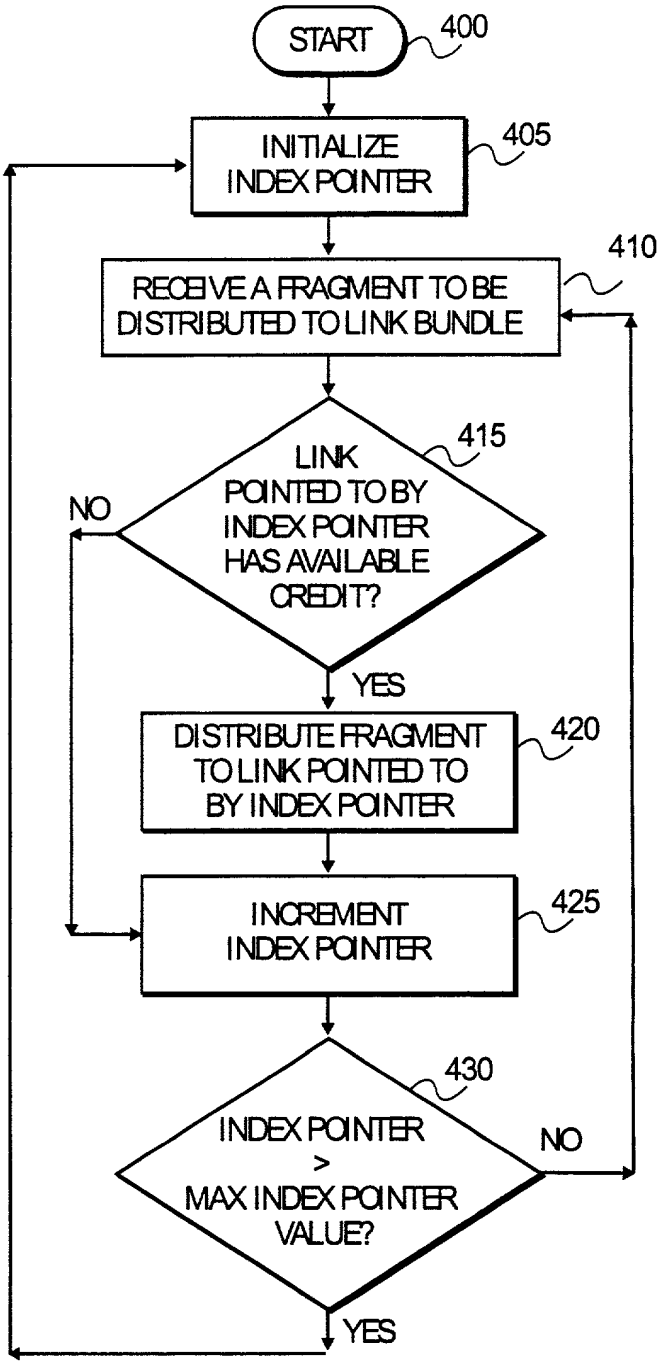
START
400
INITIALIZE INDEX POINTER
405
RECEIVE A FRAGMENT TO BE DISTRIBUTED TO LINK BUNDLE
410
LINK POINTED TO BY INDEX POINTER HAS AVAILABLE CREDIT?
415
NO
YES
DISTRIBUTE FRAGMENT TO LINK POINTED TO BY INDEX POINTER
420
INCREMENT INDEX POINTER
425
INDEX POINTER > MAX INDEX POINTER VALUE?
430
NO
YES

FIG. 4

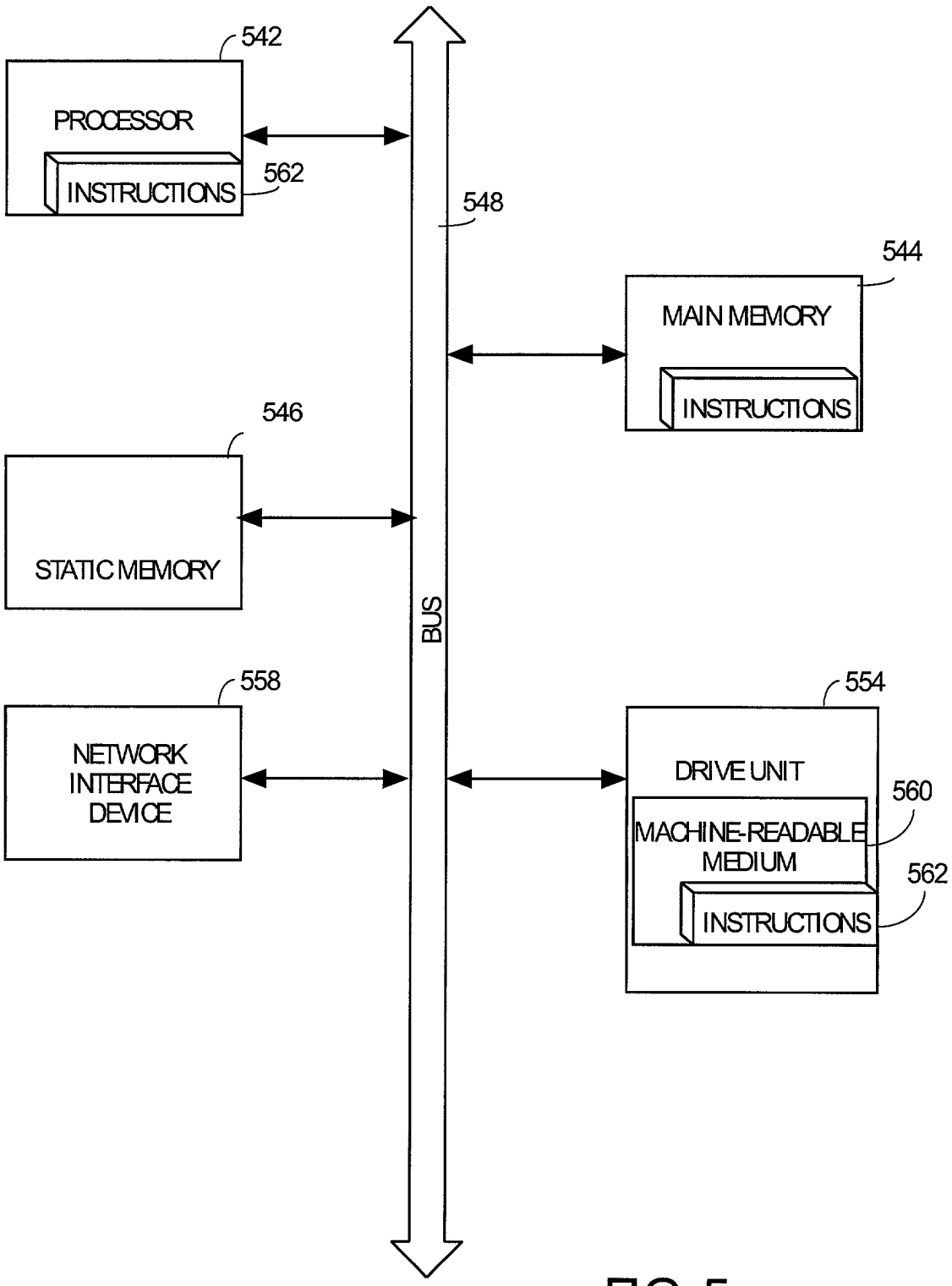
542
PROCESSOR
INSTRUCTIONS
562
548
544
MAIN MEMORY
INSTRUCTIONS
546
STATIC MEMORY
BUS
558
NETWORK
INTERFACE
DEVICE
554
DRIVE UNIT
560
MACHINE-READABLE
MEDIUM
562
INSTRUCTIONS

FIG. 5